

REMARKS

Applicant respectfully requests the Examiner's reconsideration of the present application as amended.

Claims 1-24 are pending in the present application.

Claims 3, 7, and 16-20 are objected to because of informalities.

Claims 11, 13, 16-20, and 22-24 are rejected under 35 U.S.C. §112, second paragraph.

Claims 1, 2, 5, 6, 8-10, 12, 14, 15, and 21 are allowed.

Claims 3-4, and 7 are indicated as being allowable if rewritten to overcome their objections.

Claims 11, 13, 16-20, and 22-24 are indicated as being allowable if rewritten or amended to overcome their 35 U.S.C. §112, second paragraph rejections.

Claims 3, 7, 11, 13, 16, 17, 18, 19, and 22 have been amended. Support for amended claims 3, 7, 11, 13, 16, 17, 18, 19, and 22 is found on pages 4-31 of the specification, Figures 1-11, and claims 1-24 as originally filed. No new matter has been added.

Claims 3, 7, and 16-20 are objected to because of informalities.

The Examiner states in part that

Claim 3, line 2: "the first and second sequence" is suggested changing to "the first and second sequences".

Claim 7, line 2: "and coefficients" is suggested changing to "with coefficients"; line 4: "and the coefficients" is suggested changing to "with coefficients".

Claim 16, line 4: "n contiguous coefficients" should be "n contiguous corresponding coefficients" as the antecedent basis of "with corresponding coefficients" recited in claim 20 line 2.

(7/19/2005 Office Action, p. 2)

Claims 3, 7, and 16 have been amended.

Applicant respectfully submits that in view of the amendment to the claims the objection to the informalities has been overcome.

Claims 11, 13, 16-20, and 22-24 are rejected under 35 U.S.C. §112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

Claims 11, 13, 16, 18, 19, and 22 have been amended to resolve the lack of antecedent basis and indefiniteness of the claims.

Applicant respectfully submits that in view of the amendment to the claims, the claim rejections under 35 U.S.C. §112 have been overcome.

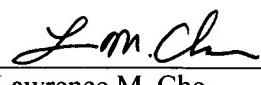
Applicant appreciates the Examiner's allowance of Claims 1, 2, 5, 6, 8-10, 12, 14, 15, and 21. Applicant, however, does not admit to any characterization or limitation of the claims or to any characterization of a reference by the Examiner, particularly any that are inconsistent with the language of the claims considered in their entirety and including all of their constituent limitations.

In view of the amendments and arguments set forth herein, it is respectfully submitted that the applicable rejections have been overcome. Accordingly, it is respectfully submitted that claims 1-24, as amended, should be found to be in condition for allowance.

If any additional fee is required, please charge Deposit Account No. 50-1624.

Respectfully submitted,

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Lawrence M. Cho
Attorney for Applicant
Registration No. 39,942

P.O. Box 2144
Champaign, IL 61825
(217) 377-2500